



ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 125 (1997) 249–250COLLOIDS
AND
SURFACES

A

Contents of Volume 125

(Abstracted/indexed in: Chemical Abstracts; Current Contents: Physical, Chemical & Earth Sciences; INSPEC; PASCAL/CNRS)

Vol. 125 No. 1

| | |
|--|----|
| Effect of urea on the stability of ferric oxide hydrosols H. Amhamdi, F. Dumont and C. Buess-Herman (Brussels, Belgium) | 1 |
| Effect of oilfield chemicals on the cloud point of nonionic surfactants A.M. Al-Ghamdi and H.A. Nasr-El-Din (Dhahran, Saudi Arabia) | 5 |
| Surfactant stabilized crude oil-in-water emulsions for pipeline transportation of viscous crude oils N.N. Zaki (Cairo, Egypt) | 19 |
| Effect of the molecular structure of mixed nonionic surfactants on the temperature of miniemulsion formation L. Dai, W. Li and X. Hou (Beijing, China) | 27 |
| Calcium soaps in flotation deinking: fundamental studies using surface force and coagulation techniques M. Rutland and R.J. Pugh (Stockholm, Sweden) | 33 |
| Preparation of monodisperse colloids of biologically active compounds. 1. Naproxen G.A. Pozarsky and E. Matijević (Potsdam, NY, USA) | 47 |
| Surface modification of calcium hydroxyapatite with hexyl and decyl phosphates H. Tanaka, A. Yasukawa, K. Kandori and T. Ishikawa (Osaka-fu, Japan) | 53 |
| Physicochemical characterization of the formation course of dysprosium oxide from hydrated dysprosium nitrate; thermoanalytical and microscopic studies G.A.M. Hussein, H. Korban, B. Goda and K. Miyaji (Hiroshima, Japan) | 63 |
| Equilibrium and dynamic surface pressure-area measurements on protein films at air-water and oil-water interfaces B.S. Murray (Leeds, UK) | 73 |
| Tracking of colloidal particles using microscopic image sequence analysis. Application to particulate microelectrophoresis and particle deposition P.J. Wit, J. Noordmans and H.J. Busscher (Groningen, Netherlands) | 85 |
| Book review | 93 |

Vol. 125 Nos. 2/3

| | |
|---|-----|
| Influence of aqueous solution chemistry on the surface charge, viscosity and stability of concentrated alumina dispersions in water C.R. Evanko, R.F. Delisio, D.A. Dzombak (Pittsburgh, PA, USA) and J.W. Novak, Jr. (Port Allen, LA, USA) | 95 |
| Conductance and surface tension of ionic surfactants in molten acetamide M. Salim Akhter (Isa Town, Bahrain) | 109 |
| Interactions in a binary mixture of cationic surfactants N. Filipović-Vinceković, I. Juranović and Z. Grahek (Zagreb, Croatia) | 115 |
| Effect of electrolytes and surfactants on physicochemical properties and porous structure of hydrated silicas B. Rager and A. Krysztakiewicz (Poznań, Poland) | 121 |
| Retrograde transition in the phase behaviour of surfactant-oil-water systems produced by an oil equivalent alkane carbon number scan F. Ysambert (Mérida/Maracaibo, Venezuela), R. Anton and J.-L. Salager (Maracaibo, Venezuela) | 131 |

| | |
|--|-----|
| Theoretical simulation of the collection efficiencies of brownian particles Y.-I. Chang and J.-J. Whang (Taichung, Taiwan) | 137 |
| Effect of mixed $\text{CH}_3\text{CN}-\text{H}_2\text{O}$ solvents on intramolecular general base-catalysed methanolysis of ionized phenyl salicylate (PS^-) in the presence of cationic micelles M. Niyaz Khan and Z. Arifin (Kuala Lumpur, Malaysia) | 149 |
| Study of acid-base interactions between some metallic oxides and model organic molecules T. Hamieh, M. Nardin, M. Rageul-Lescouët, H. Haïdara and J. Schultz (Mulhouse, France) | 155 |
| Changes of the effective surface area and pore volume of precalcined aluminas induced by pre-adsorption of low molecular weight polymers A.M. Youssef (Mansoura, Egypt), A.A. Attia and T. El-Nabarawy (Cairo, Egypt) | 163 |
| Effects of surfactants on particle adhesion. Part 1. Interactions of monodispersed colloidal hematite particles with glass beads in the presence of sodium 4-octylbenzenesulfonate A. Zelenev and E. Matijević (Potsdam, NY, USA) | 171 |
| $\text{W}_1/\text{O}/\text{W}_2$ and $\text{O}_1/\text{W}/\text{O}_2$ globules stabilized with Span 80 and Tween 80 W. Hou and K.D. Papadopoulos (New Orleans, LA, USA) | 181 |
| Behaviour of droplets in simple shear flow in the presence of a protein emulsifier A. Williams (Wageningen, Netherlands), J.J.M. Janssen (Vlaardingen, Netherlands) and A. Prins (Wageningen, Netherlands) | 189 |
| Solubilization of PCDD/F from fly ash by LAS-solutions K.-W. Schramm (Neuherberg, Germany), M. Sarac (Tirane, Albania), A. Günthner, B. Henkelmann (Neuherberg, Germany), E. Lahaniatis (Iaonniina, Greece) and A. Kettrup (Neuherberg, Germany) | 201 |
| Dynamic interfacial behaviour of bovine serum albumin solutions on titanium surfaces A.P. Valagão Serro, A. Catarino Fernandes and B. de J. Vieira Saramago (Lisboa, Portugal) | 209 |
| Spectrophotometric and conductimetric determination of the critical micellar concentration of sodium dodecyl sulfate and cetyltrimethylammonium bromide micellar systems modified by alcohols and salts I. Benito, M.A. Garcia, C. Monge, J.M. Saz and M.L. Marina (Alcalá de Henares, Spain) | 221 |
| Synthesis and characterization of molybdenum(VI) oxo-species on the surface of fumed alumina and silica Y.V. Plyuto, I.V. Babich, I.V. Plyuto (Kiev, Ukraine), A.D. Van Langeveld and J.A. Moulijn (Delft, The Netherlands) | 225 |
| Microstructures formed in a mixed system of a cationic polymer and an anionic surfactant M. Goldraich (Haifa, Israel), J.R. Schwartz, J.L. Burns (Cincinnati, OH, USA) and Y. Talmon (Haifa, Israel) | 231 |
| <i>Author Index</i> | 245 |
| <i>Subject Index</i> | 247 |
| <i>Volume Contents</i> | 249 |

